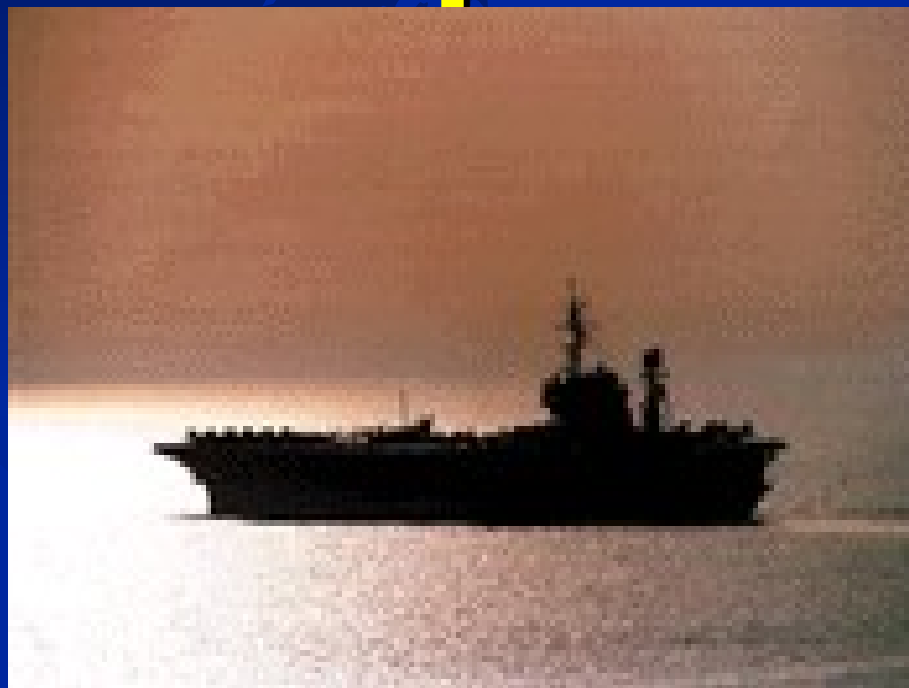




Ancillary Services

Chap. 8



CAPT Frank Chapman
SMO Course 2009



Laboratory

◆ Capabilities:

- Hematology
- ▢ Chemistry
- ▢ Microbiology
- ▢ Serology
- ▢ Blood Gases
- ▢ Walking Blood Bank/Blood Storage
- ▢ Coagulation Studies
- ▢ Newest: BW
- ▢ Rapid tests (e.g., HIV, influenza, triple cardiac enzymes, strep)



◆ Manning:

- ▢ Two advanced lab techs



Walking Blood Bank



- ◆ Emergency use only
- ◆ Required to have prescreened donor list
- ◆ 10% of ship's company
- ◆ Screening shall include completion of DD-Form 572 and provider review and sign off at a minimum
- ◆ Recommend that WBB participants donate blood within past 12mos & can request results
- ◆ Optional Refrigerated PRBCs (shelf-life 30d) with initial supply & continuous resupply



Clinical Laboratory Improvement Program



- ◆ DoD program (CLIP) described in AFIP Pamphlet 40-24 (8 Jul 96)
- ◆ Mandates deployable medical units:
 - ▢ Maintain training of lab personnel
 - ▢ Maintain lab test SOPs
 - ▢ Document quality control, QA, maintenance
 - ▢ Validate procedures with MTF lab
 - ▢ Annual assessment of shipboard lab by MTF
- ◆ CLIP (Clinical Laboratory Improvement Program) requirements
 - ▢ MTF lab inspectors annually inspect ship's clinical lab



Lab / X-ray Results



- ◆ Must track to make sure loop is closed.
- ◆ Logs kept of all testing & results (labs, biopsies, paps, Xrays)
- ◆ Results to be signed off by provider (name, date) & filed in patient health records
 - Ensure this happens in a timely fashion
 - Inspectable items
- ◆ Digital radiology film review by Bethesda radiologist



Radiography



- ◆ Digital Radiography: MEDWEB (RADWORKS)
- ◆ Xray equipment performance testing required every 2yrs to be certified
 - BUMEDINST 6470.22A: Navy Radiological Systems Performance Evaluation Program
 - NEHC/FRHO will coordinate with EPMUs
 - Corrective action of discrepancies required within 30d
 - Program inc., shielding, collimation, shielding, environmental film badges
- ◆ Operation without current testing requires TYCOM waiver
- ◆ 1 advanced Xray tech



Optometry



- ◆ 1 ophthalmic tech on board
- ◆ Eye lane with slit lamp, autorefractor, refractometer, automated lensometer, puff tonometer
- ◆ Single vision spectacle fabrication lab onboard at sea
- ◆ Tech can refract with SMO approval in writing
- ◆ Flight Surgeons or SMO may do refractions
- ◆ Consider inviting optometrist to be a rider
- ◆ Frames of Choice program
- ◆ Expensive optometry AMMAL
- ◆ NEC to go away?



Sterile Supply



- ◆ Event-Related Sterilization Authorized if:
 - Assist visit from MTF CSR representative
 - Proper wrapping, labeling, biological indicators
 - Sterilization Log
- ◆ All sterile gear to be opened/inventoried during yard periods > 90d